

Title (en)
LAN-BASED UMA NETWORK CONTROLLER WITH PROXY CONNECTION

Title (de)
AUF LAN BASIERENDE UMA-NETZWERKSTEUERUNG MIT PROXY-VERBINDUNG

Title (fr)
Contrôleur de réseau de technologie uma sur un réseau local doté d'une connexion de serveur mandataire

Publication
EP 1941636 A4 20161019 (EN)

Application
EP 06752501 A 20060510

Priority
• US 2006018220 W 20060510
• US 59482705 P 20050510

Abstract (en)
[origin: WO2006122213A2] A method for managing UMA communications within a local area network and a network controller are disclosed. The method includes establishing a first connection between a first UMA device and a LAN-based UMA network controller (LAN-UNC) and establishing a second connection between a second UMA device and the LAN-UNC. The first and second connections are carried over the local area network. The first and second UMA devices are connected to the same local area network. The method provides establishing a third connection between the LAN-UNC and a UMA network controller (UNC). The UNC is connected to an external network and the third connection extends over the external network. The method includes transporting packets received using the first and second connections to the UNC using the third connection. Packets received using the third connection are transported to the first UMA device using the first connection and to the second UMA device using the second connection.

IPC 8 full level
H04L 69/14 (2022.01); **H04W 8/02** (2009.01); **H04W 12/06** (2009.01); **H04W 40/00** (2009.01); **H04W 76/00** (2009.01); **H04W 76/02** (2009.01); **H04W 80/10** (2009.01); **H04W 84/12** (2009.01); **H04W 92/02** (2009.01); **H04W 92/14** (2009.01)

CPC (source: EP US)
H04L 63/061 (2013.01 - EP US); **H04L 63/0853** (2013.01 - EP US); **H04L 63/0869** (2013.01 - EP US); **H04W 12/069** (2021.01 - EP US); **H04W 76/00** (2013.01 - EP US); **H04W 76/12** (2018.02 - EP US); **H04W 92/02** (2013.01 - EP US); **H04W 92/14** (2013.01 - EP US); **H04L 63/0281** (2013.01 - EP US); **H04L 63/101** (2013.01 - EP US); **H04L 63/123** (2013.01 - EP US); **H04W 8/02** (2013.01 - EP US); **H04W 40/00** (2013.01 - EP US); **H04W 76/10** (2018.02 - EP US); **H04W 80/10** (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US)

Citation (search report)
• [Y] WO 0076145 A1 20001214 - NOKIA NETWORKS OY [FI], et al
• [XYI] "UMA Architecture (Stage 2) R1.0.1 (2004-10-08) Technica Specification Unlicenced Mobile Access (UMA); Architecture (Stage 2); pages 1 - 80", UMA ARCHITECTURE (STAGE 2) R1.0.0, XX, XX, 8 October 2004 (2004-10-08), pages 1 - 80, XP002997533
• [A] OOGHE S ET AL: "Supporting quality of service in broadband access networks", ALCATEL TELECOMMUNICATIONS REVIEW, COMPAGNIE FINANCIÈRE ALCATEL, 54 RUE DE LA BOÉTIE 75008 PARIS, vol. 2, 1 May 2005 (2005-05-01), pages 128 - 133, XP008124420, ISSN: 1267-7167
• [AP] PH LAINE ET AL: "Network Models for Converged Fixed and Mobile Telephony", INTERNET CITATION, 2005, XP002443449, Retrieved from the Internet <URL:http://www.fixedmobileconvergence.net/whitepapers/fmc-alcatel3.pdf> [retrieved on 20070718]
• See also references of WO 2008048200A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006122213 A2 20061116; **WO 2006122213 A3 20071101**; **WO 2006122213 B1 20071221**; CA 2606965 A1 20061116; CA 2606966 A1 20061116; CA 2607665 A1 20061110; EP 1889496 A2 20080220; EP 1889496 A4 20111026; EP 1896982 A2 20080312; EP 1896982 A4 20111102; EP 1896982 B1 20150107; EP 1941636 A2 20080709; EP 1941636 A4 20161019; US 2006276137 A1 20061207; US 2006276139 A1 20061207; US 2013064369 A1 20130314; US 7885659 B2 20110208; US 8224333 B2 20120717; US 8380167 B2 20130219; US 8750827 B2 20140610; WO 2006122226 A2 20061116; WO 2006122226 A3 20070503; WO 2006122226 B1 20070614; WO 2008048200 A2 20080424; WO 2008048200 A3 20090402

DOCDB simple family (application)
US 2006018146 W 20060510; CA 2606965 A 20060510; CA 2606966 A 20060510; CA 2607665 A 20060510; EP 06752501 A 20060510; EP 06759520 A 20060510; EP 06770206 A 20060510; US 2006018190 W 20060510; US 2006018220 W 20060510; US 201213523660 A 20120614; US 43228006 A 20060510; US 43230206 A 20060510; US 43230506 A 20060510